

Power Cost Memorandum Fuel Cost Update and Surcharge Change

Date: August 5, 2021

| | | |
|---|--|-------------------------------------|
| Utility Name (Cert. No.) CORDOVA ELECTRIC COOPERATIVE, INC. (160) | Utility File No. PC15-0417YY | Date Filed: June 30, 2021 |
|---|--|-------------------------------------|

| PCE AMOUNT SUMMARY | Previously Calculated PC15-0417XX Date Approved: July 1, 2021 | Staff Recommended Amount(s) and Effective Date PC15-0417YY August 6, 2021 |
|---|---|--|
| Class Rate | | |
| Residential | \$0.0000 | \$0.0000 |
| Community Facilities: | | |
| Boat Harbor | \$0.0000 | \$0.0000 |
| General Service 0 to 500 kWh | \$0.0000 | \$0.0000 |
| General Service over 500 kWh | \$0.0000 | \$0.0000 |
| Large Power 0 to 5,000 kWh | \$0.0000 | \$0.0000 |
| Large Power 5,001 to 20,000 kWh | \$0.0000 | \$0.0000 |
| Large Power Over 20,000 kWh | \$0.0000 | \$0.0000 |
| Street Lights | \$0.0000 | \$0.0000 |
| <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent | | |

| | |
|--|--|
| Prior Fuel Purchase Price: <u>\$2.5401</u> | New Fuel Purchase Price: <u>\$2.6308</u> |
| <input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted | <input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted |
| Delivery Charge: _____ | Surcharge Change: Previous <u>0.08870</u> Updated <u>0.01270</u> |
| | |
| | |

Signed: Brenda Cox
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

| | Date (if different from 8/5/21) | I CONCUR | I DO NOT CONCUR | I WILL WRITE A DISSENTING STATEMENT * |
|----------|------------------------------------|-------------------|--------------------|---|
| Pickett | | <u>RMP</u> | | |
| Kurber | | <u>KTL</u> | | |
| Scott | | <u>AGS</u> AGS | | |
| Sullivan | | <u>DS</u> DS | | |
| Wilson | 8/6/2021 | <u>JWW</u> JWW | | |

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement. Otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

CORDOVA ELECTRIC COOPERATIVE, INC.

POWER COST EQUALIZATION CALCULATION
 BASED ON TEST PERIOD ENDING DECEMBER 31, 2016
 Fuel Cost Update and Surcharge Change

| | PC15-0417XX | PC15-0417YY |
|--|---------------------------------|--|
| | Prior Commission Approval | Utility Request Staff Recommended |
| A. Total kWh Generated | 25,143,424 | 25,143,424 |
| B. Total kWh Sold (Appendix 2) | 23,444,126 | 23,444,126 |
| C. Total Non-Fuel Costs (Appendix 2) | \$5,257,401 | \$5,257,401 |
| D. Non-Fuel Cost/kWh (C / B) | \$0.2243 | \$0.2243 |
| E. Total Fuel Costs (Appendix 2) | \$1,131,996 | \$1,172,416 |
| F. Fuel Costs/kWh (E / B) | \$0.0483 | \$0.0500 |
| G. Eligible Costs/kWh (D + F) | \$0.2726 | \$0.2743 |
| H. Eligible Cost/kWh (G) less base rate in effect | \$0.0723 | \$0.0740 |
| I. Lesser of (H) or 79.97 cents/kWh | \$0.0723 | \$0.0740 |
| J. Average Class Rates (Appendix 3) | | |
| Residential | \$0.2406 | \$0.1646 |
| Community Facilities: | | |
| Boat Harbor | \$0.2413 | \$0.1653 |
| General Service 0 to 500 kWh | \$0.1947 | \$0.1187 |
| General Service over 500 kWh | \$0.1571 | \$0.0811 |
| Large Power 0 to 5,000 kWh | \$0.2130 | \$0.1370 |
| Large Power 5,001 to 20,000 kWh | \$0.1900 | \$0.1140 |
| Large Power Over 20,000 kWh | \$0.1668 | \$0.0908 |
| Street Lights | \$0.1749 | \$0.0989 |
| Class Power Cost Equalization Per kWh Payable | | |
| K. Lesser of: (I) x 95% or (J) | | |
| Residential | \$0.0687 | \$0.0703 |
| Community Facilities: | | |
| Boat Harbor | \$0.0687 | \$0.0703 |
| General Service 0 to 500 kWh | \$0.0687 | \$0.0703 |
| General Service over 500 kWh | \$0.0687 | \$0.0703 |
| Large Power 0 to 5,000 kWh | \$0.0687 | \$0.0703 |
| Large Power 5,001 to 20,000 kWh | \$0.0687 | \$0.0703 |
| Large Power Over 20,000 kWh | \$0.0687 | \$0.0703 |
| Street Lights | \$0.0687 | \$0.0703 |
| L. Funding Level in Effect | *0% | 0% |
| Residential | \$0.0000 | \$0.0000 |
| Community Facilities: | | |
| Boat Harbor | \$0.0000 | \$0.0000 |
| General Service 0 to 500 kWh | \$0.0000 | \$0.0000 |
| General Service over 500 kWh | \$0.0000 | \$0.0000 |
| Large Power 0 to 5,000 kWh | \$0.0000 | \$0.0000 |
| Large Power 5,001 to 20,000 kWh | \$0.0000 | \$0.0000 |
| Large Power Over 20,000 kWh | \$0.0000 | \$0.0000 |
| Street Lights | \$0.0000 | \$0.0000 |

*Order U-21-019(3), dated July 22, 2021, determined the PCE amount to be 00.00 cents/kWh, for bills rendered on or after July 1, 2021.

PC15-0417YY
 Appendix 1

CORDOVA ELECTRIC COOPERATIVE, INC.

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY
 BASED ON TEST PERIOD ENDING DECEMBER 31, 2016
 Fuel Cost Update and Surcharge Change

| | PC15-0417XX | PC15-0417YY |
|--|---------------------------------|--------------------------------|
| | Prior Commission Approval | Per Utility Per Staff |
| Non-Fuel Costs: | | |
| A. Hydraulic Power Generation | 734,419 | 734,419 |
| B. Other Power Generation | 798,864 | 798,864 |
| C. Distribution Expenses | 695,937 | 695,937 |
| D. Consumer Expenses | 305,814 | 305,814 |
| E. Administrative & General | 1,164,204 | 1,164,204 |
| F. Allowable Fixed Costs | 1,531,670 | 1,531,670 |
| G. Fuel Cartage, Lube Oil & Boiler Fuel | 28,024 | 28,024 |
| Revenues not related to Operating Exp. | | |
| H.1 Interest Income | 0 | 0 |
| H.2 Non-operating Income | (132,843) | (132,843) |
| Non-operating Expense | 131,312 | 131,312 |
| Total Non-Fuel Costs | \$5,257,401 | \$5,257,401 |
| Fuel Costs: | | |
| I. Gallons Consumed for Electric Generation | 445,650 | 445,650 |
| J. Price of Fuel | 2.5401 | 2.6308 |
| K. Total Cost of Fuel | \$1,131,996 | \$1,172,416 |
| L. Total Sales | 23,444,126 | 23,444,126 |
| M.1 kWh Generated Diesel | 5,733,054 | 5,733,054 |
| M.2 kWh Generated Hydro | 19,410,370 | 19,410,370 |
| M.3 Total kWh Generated | 25,143,424 | 25,143,424 |
| N. Station Service | 272,540 | 272,540 |
| O. Fuel Efficiency (M.1/I) | Standard ≥ 12.0 | 12.86 |
| P. Line Loss | ≤ 12% | 5.67% |

((kWh generated-(kWh sales+ Station Service))/kWh generated

PC15-0417YY
 Appendix 2

CORDOVA ELECTRIC COOPERATIVE, INC.

Surcharge 0.01270
Fuel Price \$2.63080

Calculation of Average Class Rate per kWh
Rate Schedule: 100 Residential

Customer Charge (CC): \$28

| (1) kWh by Block | (2) Rate (\$/kWh) | (3) Surcharge If Applicable (\$/kWh) | (4) Total (\$/kWh) (2+3) | (5) Total \$ (1x4)+ CC | (6) Avg. (\$/kWh) (5)/(1) | (7) Avg. Rate (\$/kWh) - \$0.2003 kWh |
|---------------------------|-------------------------|---|-----------------------------------|---------------------------------|------------------------------------|---|
| 500 | 0.2962 | 0.01270 | 0.3089 | 182.45 | 0.3649 | 0.1646 |
| | | | | | | |
| | | | | | | |
| | | | | | | |

500 182.45 0.3649 0.1646
TOTAL (A) (E)

Rate Schedule: Boat Harbor

Customer Charge (CC) : \$28

| (1) kWh by Block | (2) Rate (\$/kWh) | (3) Surcharge If Applicable (\$/kWh) | (4) Total (\$/kWh) (2+3) | (5) Total \$ (1x4)+ CC | (6) Avg. (\$/kWh) (5)/(1) | (7) Avg. Rate (\$/kWh) - \$0.2003 kWh |
|---------------------------|-------------------------|---|-----------------------------------|---------------------------------|------------------------------------|---|
| 500 | 0.296900 | 0.01270 | 0.3096 | 182.80 | 0.3656 | 0.1653 |
| | | | | | | |
| | | | | | | |
| | | | | | | |

TOTAL (A) (E)

Rate Schedule:

| (1) kWh by Block | (2) Rate (\$/kWh) | (3) Surcharge If Applicable (\$/kWh) | (4) Total (\$/kWh) (2+3) | (5) Total \$ (1x4) | (6) Avg. (\$/kWh) (5)/(1) | (7) Avg. Rate (\$/kWh) - \$0.2003 kWh |
|---------------------------|-------------------------|---|-----------------------------------|-----------------------------|------------------------------------|---|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

TOTAL (A) (E)

CORDOVA ELECTRIC COOPERATIVE, INC.

Computation of Community Facilities Average Rate

Rate Schedule: 200 General Service

Consumer Charge:

\$23.50

| | (A) Rate (\$/kWh) | (B) Surcharge If Applicable (\$/kWh) | (C) Total Rate (\$/kWh) (CC/500) | (7) Avg. Rate (\$/kWh) - \$0.2003 kWh |
|------------------|-------------------------|---|---|---|
| 0 to 500 | 0.2593 | 0.01270 | 0.3190 | 0.1187 |
| 501 to 9,999,999 | 0.2217 | 0.01270 | 0.2814 | 0.0811 |
| | | | | |
| | | | | |

Rate Schedule: 800 Large Power

Consumer Charge:

\$60.00

| | (A) Rate (\$/kWh) | (B) Surcharge If Applicable (\$/kWh) | (C) Total Rate (\$/kWh) (A+B) + | (7) Avg. Rate (\$/kWh) - \$0.2003 kWh |
|-----------------|-------------------------|---|--|---|
| 0 to 5000 | 0.2046 | 0.01270 | 0.3373 | 0.1370 |
| 5,001 to 25,000 | 0.1816 | 0.01270 | 0.3143 | 0.1140 |
| Over 25,000 | 0.1584 | 0.01270 | 0.2911 | 0.0908 |
| | | | | |
| | | | | |

Rate Schedule: 900 Street Lights

| | (A) Rate (\$/kWh) | (B) Surcharge If Applicable (\$/kWh) | (C) Total Rate (\$/kWh) (A+B) | (7) Avg. Rate (\$/kWh) - \$0.2003 kWh |
|--------|-------------------------|---|--|---|
| 0 to ∞ | 0.2865 | 0.01270 | 0.2992 | 0.0989 |
| | | | | |
| | | | | |
| | | | | |

Surcharge Calculation:

Fuel Price= \$2.63080
Surcharge= \$0.01270

PC15-0417YY

Appendix 3

2 of 2

Fuel Purchases

[illegible]

| | |
|-------------|-----------|
| Fuel Price= | \$2.6308 |
| Surcharge= | \$0.01270 |

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PC15-0417YY
Schedule BKC-1